

AUTOMATED SLIDING USER DOORS AND DOOR MECHANISMS FOR A DISPENSER

ABSTRACT OF THE INVENTION

A dispenser that includes one or more sliding user doors for selectively restricting access to items disposed within the dispenser. In one embodiment, the dispenser includes a unique locking and drive mechanism that allows a single actuator to both: (1) lock and unlock a sliding user door; and (2) move the user door into and out of driving engagement with a drive mechanism that may be used to open and close the user door. In a particular embodiment, the dispenser further includes a door support that supports the weight of a downward-opening sliding user door when the downward-opening user door is in a closed position, but that may be selectively repositioned to facilitate the movement of the user door from a closed to an open position.